IN THE U.S. PATENT AND TRADEMARK OFFICE Patent Applicati n Transmittal Letter

Mail Stop Patent Application Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility () Design

(X) original patent application,

() continuation-in-part application

INVENTOR(S): Roger S. Twede

TITLE: Frame buffer for non-DMA display

(X)	The Declaration and Power of Attorney.	(X) signed	
(X)	sheets of drawings (one set)	(X) signed	() unsigned or partially signed
()	Form PTO-1449 (x) In	nformation Disales	() Associate Power of Attorney
()	Priority document(s) () (Other)	ormation Disclos	sure Statement and Form PTO-1449
			(fee \$)

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(5) TOTALS		(4) RATE	(3) NUMBER EXTRA	NUMBER FILED		FOR	
		X \$18	13	20	3 —	TOTAL CLAIMS	
234	\$			3		INDEPENDENT CLAIMS	
84	\$	X \$84	1			ANY MULTIPLE	
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Charge \$ to Deposit Account 08-2025. application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

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I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA

Typed Name: Michael Dryja

Respectfully submitted,

Roger S. Twede

Michael Dryja

Ву

Attorney/Agent for Applicant(s)

Reg. No. 39,662

Date: 7-9-2003

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